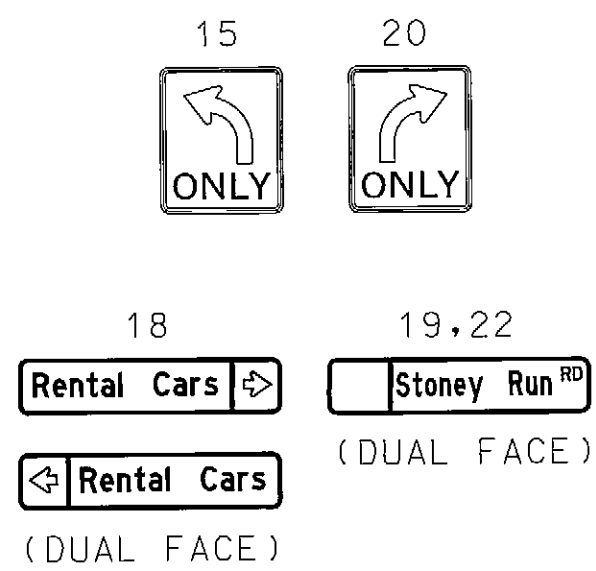
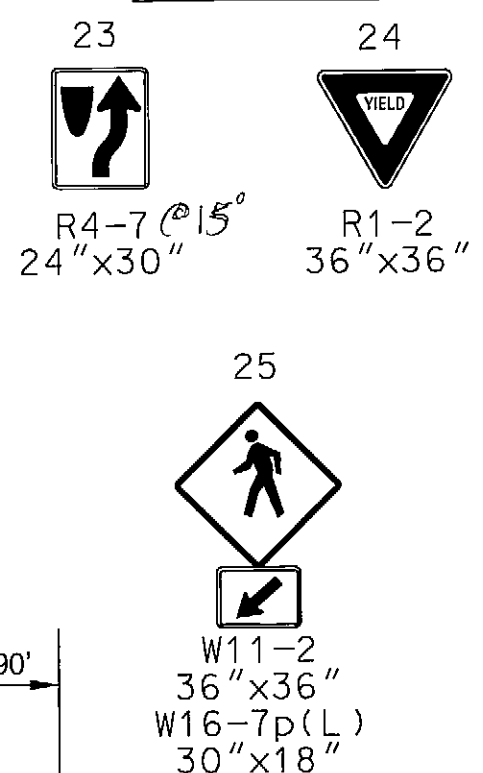


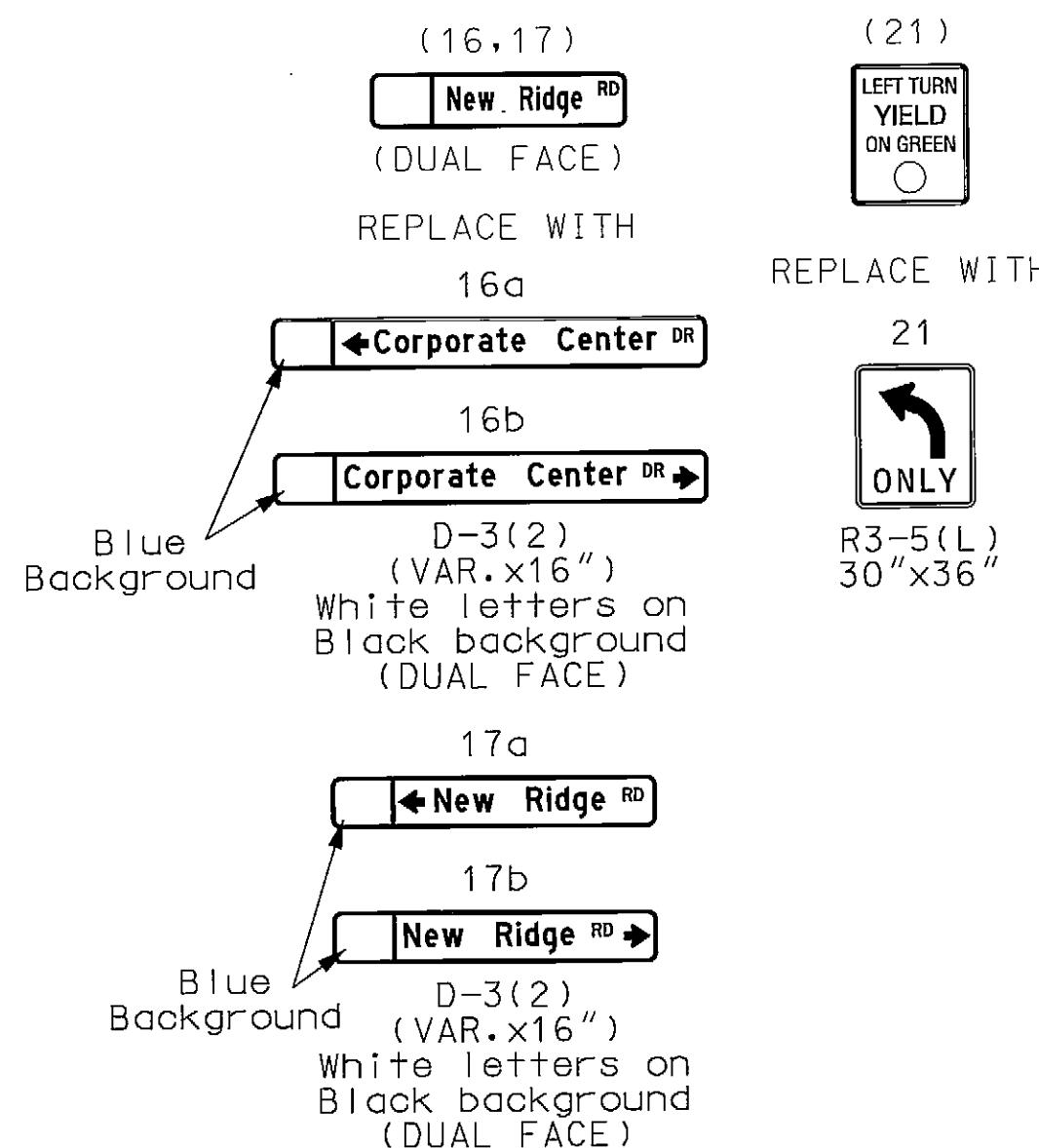
EXISTING SIGNS



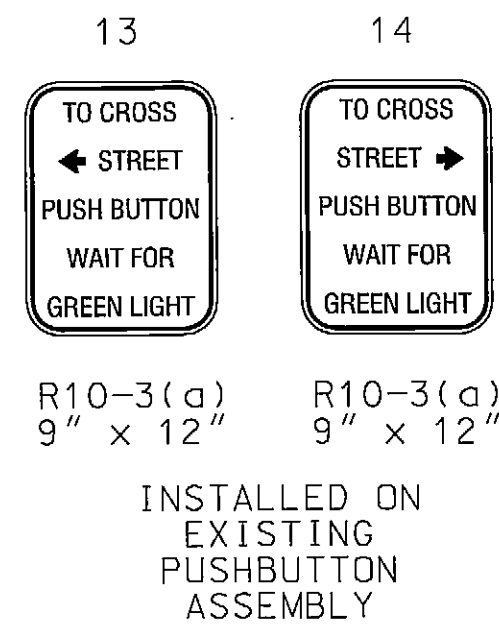
SIGNS INSTALLED PER PAVEMENT MARKING AND SIGNING PLAN (BY OTHERS)



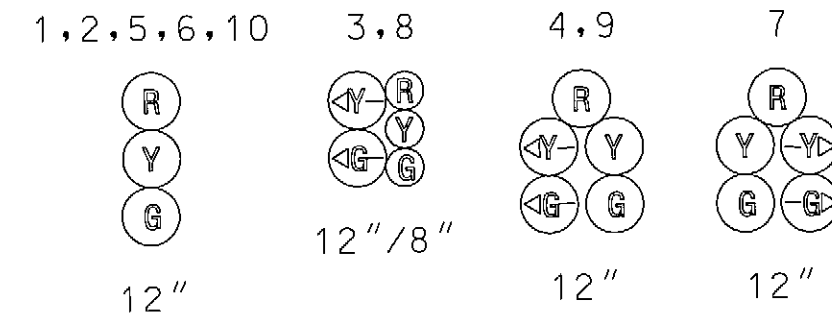
EXISTING SIGNS TO BE REPLACED



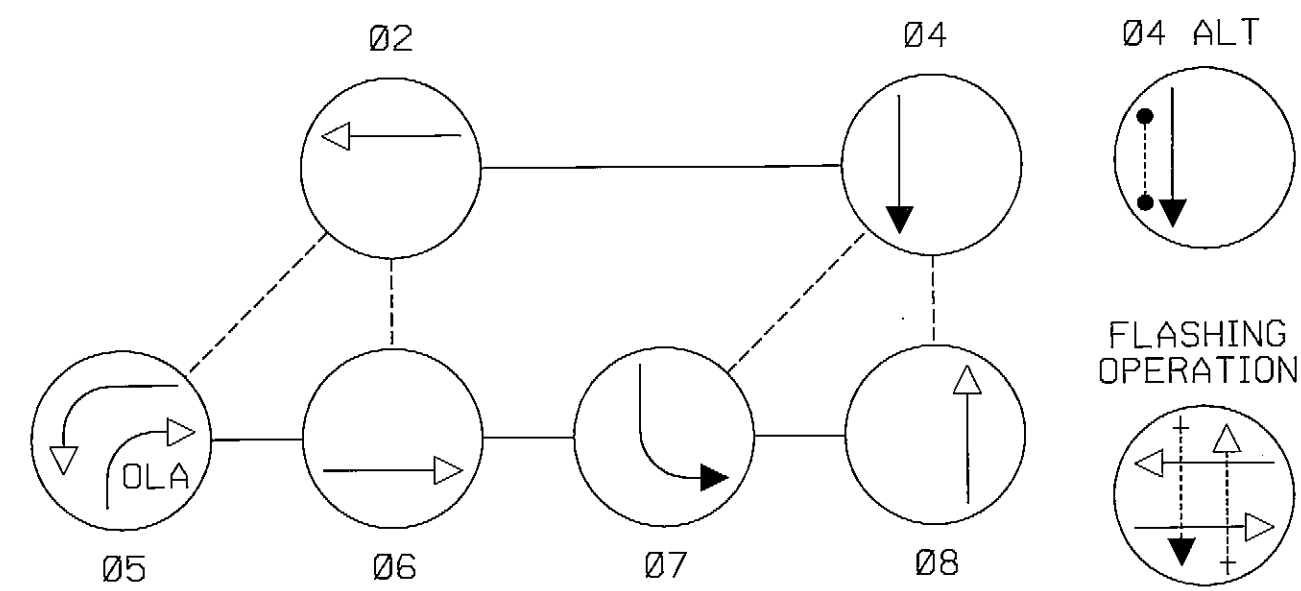
PROPOSED SIGNS



EXISTING SIGNALS



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

STONEY RUN RD

STONEY RUN RD

NEW RIDGE RD

CONSTRUCTION DETAILS

- INSTALL HANDHOLE.
- INSTALL HANDHOLE ON EXISTING CONDUIT RUN.
- INSTALL 1 IN. LIQUID TIGHT NON-METALLIC FLEXIBLE CONDUIT FOR LOOP DETECTOR SLEEVE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. TIE TO EXISTING ELBOW IN SIGNAL POLE BASE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. TIE TO EXISTING CONDUIT RUN AT OLD HANDHOLE LOCATION.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. TIE TO EXISTING CONDUIT. (NOTE: USE ONLY ONE OF THE PRE-INSTALLED CONDUITS).
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
- INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
- INSTALL 6 FT. X 30 FT. QUADRAPOLE LOOP DETECTOR (3-6-3 TURNS).
- USE EXISTING CABINET/ CONTROLLER. INSTALL NECESSARY NEMA LOAD SWITCHES. INSTALL (1) RACK MOUNTED LOOP DETECTOR AMPLIFIER. CONNECT SIGNAL CABLES ALREADY IN CABINET. REMOVE UNUSED SIGNAL CABLES.
- USE EXISTING POLE. INSTALL PEDESTRIAN PUSHBUTTON SIGN ON EXISTING PUSHBUTTON. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD (1) & (2).
- USE EXISTING MAST ARM. REPLACE EXISTING OVERHEAD D-3(2) SIGN (16) & (17).
- USE EXISTING MAST ARM. REMOVE EXISTING SIGN (21).
- USE EXISTING HANDHOLE. PULL BACK EXISTING SIGNAL CABLE. RUN CABLES BACK TO POLE AFTER NEW HANDHOLE AND CONDUIT ARE INSTALLED. (NOTE: PEDESTRIAN SIGNAL HEAD CABLE TO BE REMOVED).
- USE EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.

GENERAL NOTES

- PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING OR PROPOSED ON SEPARATE PAVEMENT MARKING AND SIGNING PLAN.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- ALL UNUSED CABLE SHALL BE REMOVED.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
STONEY RUN ROAD AT
NEW RIDGE ROAD/CORPORATE CENTER DRIVE
HANOVER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE MARCH 1, 2004 CONTRACT NO. BW542M93
DESIGNED BY D. EBY COUNTY ANNE ARUNDEL
DRAWN BY D. EBY LOGMILE
CHECKED BY M. RUCKER TMS NO.
F.A.P. NO. N/A TOD NO. AT357-28
TS NO. 4277 A DRAWING SG-01 OF 01 SHEET NO. 1 OF 2

APPROVALS	REVISIONS
TEAM LEADER	ADD 4TH LEG ADD PED CROSSINGS. REMOVE PED SIGNALS - LEAVE BUTTONS. SHA No. BW542M93 September 17, 2004
ASST. DIV. CHIEF	JES
DIVISION CHIEF	
OFFICE DIRECTOR	



The Traffic Group, Inc.
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1-800-583-8411
Fax 410-931-6601

GEOMETRIC LEGEND	UTILITY LEGEND
EXISTING	SD - STORM DRAIN
PROPOSED	G - GAS MAIN
	W - WATER MAIN
	S - SEWER MAIN
	E - ELECTRIC CABLES
	A - AERIAL CABLES
	T - TELEPHONE CABLES
	F - FIBER-OPTIC

EXISTING GROUND MOUNTED SIGN